INSTALLATION INSTRUCTIONS
POWER ON/OFF SWITCH Part No. 9486 for Model KBRC-240D

SAFETY WARNING! Please read carefully before proceeding.

This product must be installed and serviced by a qualified technician, electrician, or electrical maintenance person familiar with its operation and the hazards involved. Proper installation, which includes electrical connections, fusing or other current protection, and grounding, can reduce the chance of electrical shocks, and/or fires, in this product or products used with this product, such as electric motors, switches, coils, solenoids, and/or relays. Do not use this drive in an explosion-proof application. Eye protection must be worn and insulated adjustment tools must be used when working with drive under power. This product is constructed of materials (plastics, metals, carbon, silicon, etc.) which may be a potential hazard. Proper shielding, grounding, and filtering of this product can reduce the emission of radio frequency interference (RFI) which may adversely affect sensitive electronic equipment. It is the responsibility of the equipment manufacturer and individual installer to supply this Safety Warning to the ultimate end user of this product. (SW 8/2012)

DESCRIPTION

The Power On/Off Switch assembly is designed to provide a positive AC line power disconnect. It can be installed in lieu of, or in addition to, the factory installed Start/Stop Switch assembly. The switch is double pole which is used to disconnect both AC lines. If only one AC line is to be disconnected, a single pole can be used. Refer to local electrical codes that apply. The Power On/Off Switch assembly contains two (2) blue and two (2) white wires which are terminated with 0.250" female quick-connect terminals.

Figure 1A
Forward-Stop-Reverse Location

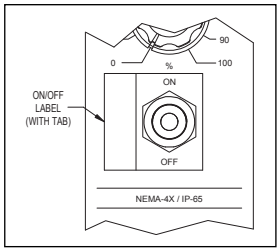


Figure 1B
Auto/Manual Location

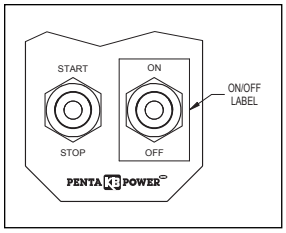
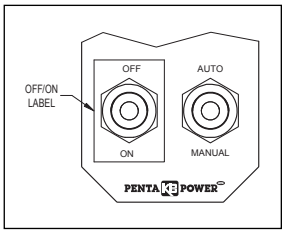


Figure 1C
Start/Stop Location



If installing this switch in the Forward-Stop-Reverse location use the ON/OFF label that is supplied (do not remove the label tab). See figure 1A.

If installing this switch in the Auto/Manual location use the ON/OFF label that is supplied (remove the label tab). See figure 1B.

If installing this switch in the Start/Stop location use the OFF/ON label since the keyway is located on the top of the switch hole (remove the label tab). See figure 1C.

These labels are supplied in black and white, to be used with either a black or white case.

Figure 2 – Mounting

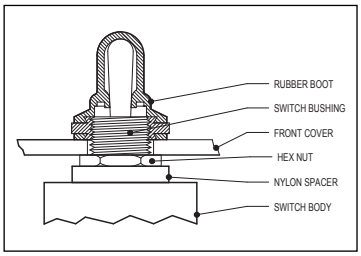
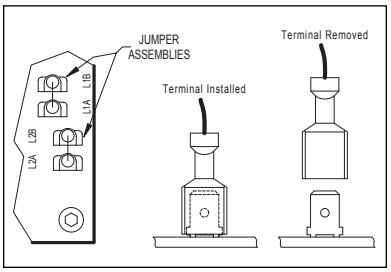


Figure 3 – Jumper Assemblies



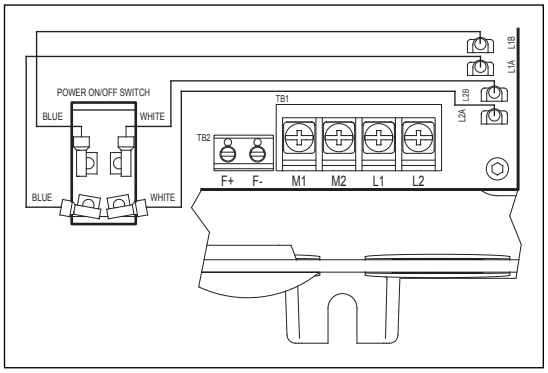
MOUNTING

WARNING! Make sure that the AC line is disconnected before installing the Power On/Off Switch assembly.

1. Remove one of the hole plugs. Use the Hole Plug Removal Instructions that are provided.
2. Align the switch key in the front cover and mount the Power On/Off Switch assembly with the rubber boot. Use the hex wrench that is provided to tighten the rubber boot hex nut. Do not overtighten. See Figure 2.

   Note: *The switch bushing should protrude approximately 0.15" (3.8mm) through the front cover.*

Figure 4 – Connection Diagram



ELECTRICAL CONNECTIONS

1. Remove the jumper assemblies that are installed on the L1A & L1B and L2A & L2B terminals of the KBRC-240D PC board. Using pliers, gently rock the female terminals back and forth vertically while pulling them upward. See figure 3.
2. Install the blue wire from the bottom of the Power On/Off Switch assembly to the L1A terminal of the KBRC-240D PC board. See figure 4.
3. Install the other blue wire from the top of the Power On/Off Switch assembly to the L1B terminal of the KBRC-240D PC board. See figure 4.
4. Install the white wire from the bottom of the Power On/Off Switch assembly to the L2A terminal of the KBRC-240D PC board. See figure 4.
5. Install the other white wire form the top of the Power On/Off Switch assembly to the L2B terminal of the KBRC-240D PC board. See figure 4.

KB ELECTRONICS, INC.
12095 NW 39th Street, Coral Springs, FL 33065-2516 • (954) 346-4900 • Fax (954) 346-3377
Outside Florida Call **Toll Free** (800) 221-6570 • **Email** – info@kbelectronics.com
www.kbelectronics.com

(A40132) – Rev. B – 4/2015